

Science GE DOK Alignment Chart

EARTH/SPACE SCIENCE

Grades 1-2

GE 50

DOK Level	GE Statement with Ceiling DOK	Science Concepts	Resources/Practice Items
Enduring Knowledge: Natural resources and agricultural systems are managed for specific purposes and in a variety of ways.			
DOK 2	<p>S1-2: 50 Students demonstrate their understanding why and how natural resources are managed by...</p> <ul style="list-style-type: none"> ● Sorting natural agricultural/natural resources and things made by humans; <p>GE Connection: S1-2: 49</p> <p>AND</p> <ul style="list-style-type: none"> ● Identifying a variety of ways that humans use agriculture/natural resources (e.g. Swimming in lakes, riding bikes, drinking water, eating safe food, creating clothing). <p>AND</p> <ul style="list-style-type: none"> ● Identifying, performing, and explaining the value of routine procedures that protect Vermont's natural/agricultural resources. 	<p>a. Some resources are basic materials, such as air, water and soil; some are produced from basic resources (food, fuel, building materials) and some are not materials (space, beauty, security, safety)</p> <p>b. Machines improve the benefits of food and material crops by helping in planting and harvesting, by keeping food fresh through packaging and cooling, and by transporting resources long distances.</p> <p>People change the environment in ways that can be either beneficial or detrimental to humans and other living things.</p> <p>c. Natural resources need to be protected and maintained.</p> <p>Crops must be protected from weeds and pests and chemicals that can harm them.</p>	--Project Seasons (K-3) Shelburne Farms http://www.shelburnefarms.org/prodinfo.asp?number=PS --Food Works http://foodworksvermont.org/ --Vermont FEED Harvest Calendar http://vtfarm.org/assets/files/HarvestCalendar%20Color.pdf --Create a photo story or collage or series of pictures illustrating local use of natural resources/agricultural products. --Display ways to help manage natural/ agricultural resources and explain why these practices are important.
DOK 1			
DOK 1-2			